GAU 2751

##

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Mailloux, et al.

Serial No.: 08650,719

Filed: May 20, 1996

For: BURST/PIPELINED EDO MEMORY DEVICE

Group Art Unit: 2751

Examiner: Kim, H.

Atty. Docket: 95-0653.00

RECEIVED

MAR 02 1999

Group 2700

INFORMATION DISCLOSURE STATEMENT

Certificate of Mailing (37 C.F.R.§ 1.8)

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date below:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant[s] respectfully request[s] that this Information Disclosure Statement be entered and that the references listed on the attached Form PTO-1449 be considered by the Examiner and made of record.

In accordance with 37 C.F.R. § 1.97(b), this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possible material information as defined in 37 C.F.R. § 1.56(a) exists.

The following references are submitted for the Examiner's review:

U.S. Patents

U.S. Patent No.	Issue Date	Inventor
5,652,724	7/97	Manning
5,457,659	10/95	Schaefer
5,452,261	9/95	Chung et al.

5,682,354	10/97	Manning	
5,640,364	06/97	Merritt et al.	
5,729,504	12/95	Cowles	
5,661,695	08/97	Zagar et al.	
5,305,284	04/94	Iwase	
5,325,330	06/94	Morgan	
5,325,502	06/94	McLaury	
5,373,227	12/94	Keeth	
5,410,670	04/95	Hansen et al.	RECEIVED
5,349,566	09/94	Merritt et al.	UECEIVED
5,668,773	09/97	Zagar et al.	MAD OO 1000
4,870,622	09/89	Aria et al.	MAR 02 1999
5,058,066	10/91	Yu	_
5,280,594	01/94	Young et al.	Group 2700

Other References

Micron Technology, Inc., "1995 DRAM Data Book" pp. 4-1 thru 4-42, 12/95.

"Rossini, Pentium, PCI-ISA, Chip Set", Symphony Laboratories, entire book.

Related Co-pending Applications

PCT Patent Application No. PCT/US95/16656, filed 12/21/1995, entitled: Burst Edo Memory Device

Address Counter.

PCT Patent Application No. PCT/US95/16984, filed 12/22/1995, entitled: Burst Edo Memory Device.

This Information disclosure Statement is being submitted after the mailing of the first Office Action, but before the mailing of a Final Rejection or Notice of Allowance. The Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) of \$240.00 and any additional fees which may be required to Micron Technology, Inc. Deposit Account No. 13-3092, Order No. 95-0653.00.

If there are any matters which may be resolved or clarified through telephone interview, the Examiner is respectfully requested to contact Applicant's undersigned attorney at the number indicated.

A Form PTO-1449 is enclosed herewith.

Date: 1-18-99

Bespectfully submitted,

W. Eric Webostad Reg. No. 35,406

Micron Technology, Inc.

8000 S. Federal Way

Boise, ID 83706-9632

(208) 368-4792

5, no persons are required to respond to a collection of info

Patent and Trac

Under the Paperwork Reduction Act

TOTAL AMOUNT OF PAYMENT



FEE TRANSMITTAL

Complete if Known 08/650,719 **Application Number** Filing Date May 20, 1996 First Named Inventor Mailloux, et al 2751 **Group Art Unit Examiner Name** Kim, H. 95-0653 **Attorney Docket Number**

Ī		M	ETHOD (F PAY	MEN	Γ (check	one)				FEE	CALC	ULATION (continued)	
· [1.	The Commissioner is hereby authorized to charge indicated								ADDIT	IONA	L FEE	S	
l.		fees and credit any over payments to:								Entity	Small	Entity		
	Deposit 13-3092 /95-0653									Fee	Fee	Fee		
	Accou	nt		- -, /	•				Code	(\$)	Code	(\$)	Fee Description	Fee Pai
	Numbe	r							105	130	205	65	Surcharge - late filing fee or oath	
	Deposi		CRON TE	CHNOLC	GY, I	NC.			127	50	227	25	Surcharge - late provisional filing or cover sheet.	
- 1	Name								139	130	139	130	Non-English specification	
	_	narge Any	Additional] Ch	arge the Is	sue Fee	Set in 37	147	2,520	147	2,520	For filing a request for reexamination	
		e Require R 1.16 ar	ed Under 37 nd 1.17		No	R 1.18 at 1			112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
	2.	Pa	yment Er	nclosed:		31(b)			113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
			Check	☐ Mon	еу Оі	der 🗌	Other		115	110	215	55	Extension for response within first month	
			ALCIII A	TION (4	eer c	ffective	10/01#	DE)	116	400	216	200	Extension for response within second month	
		FILING	ALCULA	TION (I	ees e	nective	10/01/	30)	117	950	217	475	Extension for response within third month	
	Large E		Small E	Entity	ty				118	1,570	218	755	Extension for response within fourth month	
	Fee	Fee	Fee	Fee	Fee C	escription	1	Fee Paid	119	310	219	155	Notice of Appeal	
	Code 101	(\$) 790	Code 201	(\$) 395	Utility	filing fee			120	310	220	155	Filing a brief in support of an appeal	
	106	330	206	165	Desig	n filing fee			121	270	221	135	Request for oral hearing	
İ	107	540	207	270	Plant	filing fee			138	1,510	138	1,510	Petition to institute a public use proceeding	
	108 114	790 150	208 214	395 75		ue filing fe sional filing			140	110	240	55	Petition to revive unavoidably abandoned application	
				s	UBTO	TAL (1)		(\$)-0-	141	1,320	241	660	Petition to revive unintentionally abandoned application	
									142	1,320	242	660	Utility issue fee (or reissue)	
	2.	CLAIM	S						143	450	243	225	Design issue fee	
						e from		Fee Paid	144	670	244	335	Plant issue fee	
/1999 cal	IONG	იიიიიი	4 133092	EX#650)719 ^b	elow			122	130	122	130	Petitions to the Commissioner	
/1999 Sili ::126		aims 16 - Mor0 04 CH		0	''X' X	22 82	=	<u>o</u>	123	50	123	50	Petitions related to provisional applications	
	Claims	Depende			X		=		126	240	126	240	Submission of Information Disclosure Stmt	<u>240</u>
	Large E	intity	Small E	•			_		581	40	581	40	Recording each patent assignment per property (times	
	Fee Code	Fee (\$)	Fee Code	Fee (\$)		escriptio			146	790	246	395	number of properties) Filing a submission after final	
	103	22	203	11		s in exces			1 440	700	040	205	rejection (37 CFR 1.129(a))	
	102	82	202	41	exces	endent cla is of 3			149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	
	104	270	204	135	Multip	le depend	ent claim	1	Othe	r fee (sp	ecify)			
	109	82	209	41	claims	e independ over origina	al patent		ı	r fee (sp				40
	110	22	210	11		e claims in and over ori			1		_	. –	SUBTOTAL (3)	(\$) <u>240</u>
				SUBTO				") -0-	*R	educed	by Ba	asic Fil	ing Fee Paid	

Reg. Number Typed or Printed Name 35,406 Signature Deposit Acct. User ID 13.3092/95-0653



FORM: PTO-1449	•	``	ARILE TO ARILE	Ž.				Sheet: 1	of: 2
Applicant: Maildoux et al. Filing Date: Group: 5/20/96 2751			U.S						
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Filing Date: Group: 2751	(REV: 7-86	0)	PA	TENT AND	TRADEMARK OFFICE			08/0	550,719
Company	MEOD	>	N DICCI OCU		MENT DV ADDI ICANT				
U.S. PATENT DOCUMENTS	INFOR	MATIC	N DISCLUSU	KE STATE	VIENT BY APPLICANT			Group'	
Examiner Initial Document Number Date Name Class Subclass	(27 CED 1 0	0/h))		luca cavara	I sheets if nacessary)				2751
Document Number Date Name Class Subclass	(37 CFK 1.9	o(U))		(use severus	i sheets if hecessary)	<u> </u>	3/20/70		
Number				U.	S. PATENT DOCUMENTS				
AA 5,652,724 7/97 Manning 365 189.0 FC AB 5,457,659 10/95 Schaefer 365 222 AC 5,452,261 9/95 Chung et al. 265 233 MAR 0.7 AB 5,280,594 1/94 Young et al. 265 233 MAR 0.7 AE 5,058,066 10/91 Yu 365 189.05 Group AF 4,870,622 9/89 Aria et al. 365 230.02 Group AG 5,668,773 09/97 Zagar et al. 365 233.02 Group AG 5,668,773 09/97 Zagar et al. 365 233.02 Group AG 5,668,773 09/97 Zagar et al. 365 233.02 Group AG 5,668,773 09/97 Zagar et al. 365 233.02 Group AG 5,668,773 09/97 Zagar et al. 365 233.02 Group AG 5,668,773 09/97 Zagar et al. 365 233.03 AH 5,373,227 12/94 Keeth 323 313 AH 5,373,227 12/94 Keeth 323 323 323 AH 5,273,227 12/94 Keeth 323 323 323 AH 5,273,227 12/94 Keeth 323 323 323 AH 5,273,227 12/94 Keeth 323 323 AH 5,273,227 12/94 Keeth 323 323 AH 5,273,227 AH 5									
AB	Initial								
AC 5,452,261 9/95 Chung et al. 265 233 MAR 0		AA							CEIV
AD 5,280,594 1/94 Young et al. 295 711 425 15 7 AE 5,058,066 10/91 Yu 365 189.05 Group AF 4,870,622 9/89 Ari et al. 365 230.02 Group AG 5,668,773 09/97 Zagar et al. 365 233 313		1							
AE 5,058,066 10/91 Yu 365 189.05 Group		AC	5,452,261						R 02 19
AE 5,058,066 10/91 Yu 365 189.05 Group		AD	5,280,594	1/94	Young et al.			425 157	
AG 5,668,773 09/97 Zagar et al. 365 233 AH 5,325,502 06/94 McLaury 395 11 425 169 AI 5,373,227 12/94 Keeth 323 313 AJ 5,410,670 04/95 Hansen et al. 395 11 425 169 AK 5,349,566 09/94 Merritt et al. 365 233.5 FOREIGN PATENT DOCUMENTS Examiner Initial Number Date Country Class Subclass Yes AL AM		AE	5,058,066	10/91	Yu		365	189.05	27
AH 5,325,502 06/94 McLaury 395 1(1 A25 169 AI 5,373,227 12/94 Keeth 323 313 AJ 5,410,670 04/95 Hansen et al. 395 7(1 425 169 AK 5,349,566 09/94 Merritt et al. 365 233.5 FOREIGN PATENT DOCUMENTS Translation		AF	4,870,622	9/89	Aria et al.		365	230.02	Dup Er
AI 5,373,227 12/94 Keeth 323 313 325 169 AJ 5,410,670 04/95 Hansen et al. 395 711 325 169 AK 5,349,566 09/94 Merritt et al. 365 233.5 FOREIGN PATENT DOCUMENTS Examiner Initial		AG	5,668,773	09/97	Zagar et al.		365	233	
AI 5,373,227 12/94 Keeth 323 313 325 169 AJ 5,410,670 04/95 Hansen et al. 395 711 325 169 AK 5,349,566 09/94 Merritt et al. 365 233.5 FOREIGN PATENT DOCUMENTS Examiner		AH	5,325,502	06/94	McLaury	,	395 111	A25 169	
AJ 5,410,670 04/95 Hansen et al. 395 71 425 169 AK 5,349,566 09/94 Merritt et al. 365 233.5 FOREIGN PATENT DOCUMENTS Examiner Initial Document Number Date Country Class Subclass Yes AL	0.40.6	ΑI	5,373,227	12/94	Keeth		323		
FOREIGN PATENT DOCUMENTS Examiner Initial Document Number Date Country Class Subclass Yes AL AM AN AO AP AQ DOTHER ART (including author, title, date, pertinent pages, etc.) Initial OTHER ART (including author, title, date, pertinent pages, etc.) Micron Technology, Inc., "1995 DRAM Data Book" pp. 4-1 thru 4-42, 12/95 "Rossini, Pentium, PCI-ISA, Chip Set", Symphony Laboratories, entire book.		AJ		04/95	Hansen et al.		395 711	425 169	
FOREIGN PATENT DOCUMENTS Examiner Initial Document Number Date Country Class Subclass Yes AL AM AN AO AP AQ DOTHER ART (including author, title, date, pertinent pages, etc.) Initial OTHER ART (including author, title, date, pertinent pages, etc.) Micron Technology, Inc., "1995 DRAM Data Book" pp. 4-1 thru 4-42, 12/95 AR "Rossini, Pentium, PCI-ISA, Chip Set", Symphony Laboratories, entire book. Date		AK		09/94	Merritt et al.				
AL AM AN AN AO AP AQ Initial OTHER ART (including author, title, date, pertinent pages, etc.) Micron Technology, Inc., "1995 DRAM Data Book" pp. 4-1 thru 4-42, 12/95 "Rossini, Pentium, PCI-ISA, Chip Set", Symphony Laboratories, entire book. Date						NTS	Class	Subclass	Translatio
AM AN AO AO AP AQ Initial OTHER ART (including author, title, date, pertinent pages, etc.) Micron Technology, Inc., "1995 DRAM Data Book" pp. 4-1 thru 4-42, 12/95 AR "Rossini, Pentium, PCI-ISA, Chip Set", Symphony Laboratories, entire book. Date	mitiai	TAT	Nulliber	Date	Country		Class	Juociass	Tes N
AN AO AP AQ Initial OTHER ART (including author, title, date, pertinent pages, etc.) Micron Technology, Inc., "1995 DRAM Data Book" pp. 4-1 thru 4-42, 12/95 AR "Rossini, Pentium, PCI-ISA, Chip Set", Symphony Laboratories, entire book. Date			·				 	 	┞╠
Initial OTHER ART (including author, title, date, pertinent pages, etc.) Micron Technology, Inc., "1995 DRAM Data Book" pp. 4-1 thru 4-42, 12/95 "Rossini, Pentium, PCI-ISA, Chip Set", Symphony Laboratories, entire book. Date							<u> </u>	<u> </u>	┝┾┼
Initial OTHER ART (including author, title, date, pertinent pages, etc.) Micron Technology, Inc., "1995 DRAM Data Book" pp. 4-1 thru 4-42, 12/95 "Rossini, Pentium, PCI-ISA, Chip Set", Symphony Laboratories, entire book. Date				 			_	<u> </u>	┝
Initial OTHER ART (including author, title, date, pertinent pages, etc.) Micron Technology, Inc., "1995 DRAM Data Book" pp. 4-1 thru 4-42, 12/95 "Rossini, Pentium, PCI-ISA, Chip Set", Symphony Laboratories, entire book. Date								<u> </u>	┝┢╢╌┝
Initial OTHER ART (including author, title, date, pertinent pages, etc.) Micron Technology, Inc., "1995 DRAM Data Book" pp. 4-1 thru 4-42, 12/95 AR "Rossini, Pentium, PCI-ISA, Chip Set", Symphony Laboratories, entire book. Date	·	1					<u> </u>		┞╞╣┼
Micron Technology, Inc., "1995 DRAM Data Book" pp. 4-1 thru 4-42, 12/95 AR "Rossini, Pentium, PCI-ISA, Chip Set", Symphony Laboratories, entire book. Date		AQ			<u>. l</u>		<u> </u>	<u> </u>	
"Rossini, Pentium, PCI-ISA, Chip Set", Symphony Laboratories, entire book. Date	Initial	AR	Mi						
Date		111							
	•		"R	ossini, Penti	um, PCI-ISA, Chip Set", Sym	phony Labor	atories, entire	book.	
AT PCT Patent Application No. PCT/US95/16984, filed 12/22/1995, entitled: Burst Edo Memory					Date				
		AT	PC	T Patent App	olication No. PCT/US95/1698	4, filed 12/22	/1995, entitled	: Burst Edo M	emory Devi
Examiner: Date Considered:		1			L Data Carr	aidarad:			-

EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

FORM: PT				TENT OF COMMERCE TRADEMARK OFFICE	_	Atty Doc	ket No: 5-0653	Serial No	5: 8/ 650,71 9)
`	·	ON DISCLOSU	RE STATE	MENT BY APPLICANT		Applicant Mailloux	et al.	•		
(25 OFD 1 0	.04.))			1 -h4- : C		Filing Da	te: /28/96	Group:	2751	
(37 CFR 1.9	8(0))		(use several	sheets if necessary)	1] <u>\$</u>			2/31	
			U.	S. PATENT DOCUMEN	fs	FEB 1 9 100	O)			
Examiner		Document			P.	reb 1 9 ₁₉₉	g &)			
Initial		Number	Date	Name	(E)	.	Class	Subclass		
	AA	5,682,354	10/97	Manning	1	PADEMARY	3 65	233.5		
	AB	5,640,364	06/97	Merritt et al.			365	233.5		
	AC	5,729,504	12/95	Cowles			365	236		
	AD	5,661,695	08/97	Zagar et al.			365	233.5	Dra	
	AE	5,305,284	04/94	Iwase			365	238.5	קבכ	EIV
	AF	5,325,330	06/94	Morgan		-	365	189.05	1445	
	AG								MAR (12 199
	AH									
	AI								Grour	270
	AJ									~~ /
	AK						,			
Examiner Initial		Document Number	Date	Country			Class	Subclass	Yes	lation No
	AL									
	AM									
	AN								14	
	AO							·		
	AP			<u> </u>				ļ		
L	AQ]			
Initial				HER ART (including aut						
		1 1		olication No. PCT/US95/166	556,	filed 12/21/	1995, entitled	Burst Edo N	1emory D	Device
		Ad	ldress Counte	r.						
	-						, ,,			
	AS									
						· · · · · · · · · · · · · · · · · · ·				
	AT									
Examiner:				Date Co	ncic	11.				
					JHSIL	ierea:				

EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.